

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000041

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : A61K 38/16, A61M 37/02		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPIDS, ChemAbs, Medline, Biosis: cpn 10, chaperonin 10, hsp 10, heat shock protein 10, groes, early pregnancy factor, thr, toll like receptor, agonist, lipoteichoic, lps, lipopolysaccharide, lipopeptide, lipopolypeptide, lipoprotein, immunomodulate, cytokine, chemokine, il6, interleukin 6, il10, interleukin 10, tnf, tumor necrosis factor, rantes, tgf, transforming growth factor		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Ragno S <i>et al</i> , "A synthetic 10-kD heat shock protein (hsp10) from <i>Mycobacterium tuberculosis</i> modulates adjuvant arthritis", <i>Clinical and Experimental Immunology</i> , 1996, 103:384-390 whole of document	1-29
X	Zhang B <i>et al</i> , "Early pregnancy factor suppresses experimental autoimmune encephalomyelitis induced in Lewis rats with myelin basic protein and in SJL/J mice with myelin proteolipid protein peptide 139-151", <i>Journal of Neurological Sciences</i> , 2000, 182:5-15 whole of document	1-29
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 8 February 2005		Date of mailing of the international search report 01 MAR 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer GARETH COOK Telephone No : (02) 6283 2541

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Zhang B <i>et al</i> , "Early pregnancy factor treatment suppresses the inflammatory response and adhesion molecule expression in the spinal cord of SJL/J mice with experimental autoimmune encephalomyelitis and the delayed-type hypersensitivity reaction to trinitrochlorobenzene in normal BALB/c mice", <i>Journal of Neurological Sciences</i> , 2003, 212:37-46 whole of document	1-29
P, X	WO 2004/041300 A (CBio Limited) 21 May 2004 whole of document	1-29
P, X	WO 2004/041304 A (Helperby Therapeutics Limited) 21 May 2004 whole of document	1-29
A	WO 2002/040038 A (St George's Enterprises Limited) 23 May 2002 whole of document	
A	WO 1995/015338 A (University of Queensland) 8 June 1995 whole of document	
A	Harness J <i>et al</i> , "A protective effect of early pregnancy factor on experimental autoimmune encephalomyelitis induced in Lewis rats by inoculation with myelin basic protein", <i>Journal of the Neurological Sciences</i> , 2003, 216:33-41 whole of document	
A	Morton H <i>et al</i> , "Production of a recombinant form of early pregnancy factor that can prolong allogeneic skin graft survival time in rats", <i>Immunology and Cell Biology</i> , 2000, 78:603-607 whole of document	
A	Retzlaff C <i>et al</i> , "Bacterial Heat Shock Proteins Directly Induce Cytokine mRNA and Interleukin-1 Secretion in Macrophage Cultures", <i>Infection and Immunity</i> , 1994, 62(12):5689-5693 whole of document	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2005/000041

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO	1995/015338	AU	11034/95	EP	733 071
		AU	11036/95	JP	2004067698
		CA	2 176 948	NZ	276 670
		CA	2 177 179	NZ	276 672
		EP	731 811	US	6 113 899
WO	2002/040038	AU	15117/02	EP	1 333 840
		AU	15123/02	EP	1 333 841
		AU	23817/02	GB	2 389 852
		CA	2 429 894	GB	2 390 366
		CA	2 429 897	NZ	525 859
WO	2004/041300	AU	2003277992		
WO	2004/041304	AU	2003279454	GB	2 391 477
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					